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(81) 指定国(国家): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

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本国际公布:

— 包括国际检索报告。

所引用双字母代码和其它缩写符号, 请参考刊登在每期PCT公报期刊起始的“代码及缩写符号简要说明”。

(54) Title: 4-NITRO-2-[(4'-METHOXY)-PHENOXY]-METHANESULFONANILIDE DERIVATES AND THEIR PHARMACEUTICAL USE

(54) 发明名称: 4-硝基-2-[(4'-甲氧基)-苯氧基]-甲磺酰苯胺衍生物及其医药用途

(57) Abstract: The invention discloses 4-nitro-2-[(4'-methoxy)-phenoxy]-methane-sulfonanilide or the pharmaceutical acceptable salts or solvates or hydrates thereof, and their mixture with povidone, phospholipid or cyclodextrin, as well as their pharmaceutical use, particularly the use as a non-steroidal anti-inflammatory, analgetic agent.

(57) 摘要

本发明公开了 4-硝基-2-[(4'-甲氧基)-苯氧基]-甲磺酰苯胺或其药用盐或其溶剂化物或水合物或其与聚维酮、磷脂或环糊精的混合物及其医药用途, 尤其是作为非甾体类消炎镇痛药物的用途。

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/01145

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup> C07C311/08, A61K31/18, A61K47/40, A61K47/48, A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup> C07C, A61K, A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

STN: REGISTRY, CA plus

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3840597A (George G. I. Moore et.al), 08.Oct.1974. see example 14	1-10

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/CN03/01145

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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